

C1  
Cont

or snack may be preferred. It may be that those persons wishing refreshment are a considerable distance from the nearest tea shop or refreshment stand. They may have hiked some distance, or, in the case of golf, have reached a point far out on the course. In such circumstances, it is convenient to be able to take a supply of cooled or heated refreshments along, for use as desired.--

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Please replace the paragraph beginning at page 1, line 22, with the following amended paragraph:

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C2

--Another related problem, particularly when golfing as a visitor or hiking, is that secure locker facilities may not be available or may be inconveniently distant. It is often uncomfortable to golf or hike with a wallet or set of keys contained in one or another pants pocket. A golfer may wish to keep his or her valuables, such as a wallet and car keys, close at hand during a round of golf, in a container that is within the golfer's view. In recent times, the growing popularity of cellular telephones has made it possible for golfers, hikers, cross country skiers, picnickers or others, to remain in touch with their business colleagues while enjoying their outdoor activities, often so smoothly that others may be scarcely aware that they are not at the office. A cellular telephone is another object that is uncomfortable to carry when golfing or skiing, for example. Cellular telephones are easily stolen and highly marketable. For both convenience of use and discouragement of theft, they should be kept relatively close to the user. At the same time, the ability to carry, for example, extra golf balls, chocolate bars, or gum, and to carry a score card or map in a visible position, with enhanced accessibility are further common needs.--

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Please replace the paragraph beginning at page 2, line 5, with the following amended paragraph:

C3  
--It may be uncomfortable, or cumbersome to have a multiplicity of objects to carry. A number of items may fit within a golf bag, along with various clubs, but the golf bag may not be sufficiently large to carry some items, and some items may risk damage if placed in the golf bag itself. A golf bag is not generally a convenient place to have a cooling medium, such as ice cubes. Further, the prospect of spilling lemonade, carbonated drinks, or beer, however much by accident, inside either the golf bag amongst the woods and irons, or in a pocket of the golf bag, is not one that would be greeted with enthusiasm by many golfers. A segregated auxiliary carrying case that is separately washable, that is mountable to the golf bag, and that can be carried with it, is preferable. It would be even more advantageous to have a pack that can be mounted with the golf bag when the bag is carried on a wheeled carriage or in a golf cart. In this way a golfer's hands are not further encumbered. Moreover, it would be very convenient for such a pack to hold a drink bottle or a mister in a readily accessible position. A golfer could quickly quench his thirst with a refreshing drink from the drink bottle and store it back in the pack easily, away from the golf clubs, for future use. In much the same way, a golfer can keep a mister close at hand, but away from the golf clubs, to enjoy its cooling effects frequently.--

Please replace the paragraph beginning at page 3, line 1, with the following amended paragraph:

C4

--In another additional feature of that aspect of the invention, the pack has a leading panel for placement adjacent to the golf bag, a pair of side regions, a trailing region, a bottom and a top. A see-through pocket is mounted to one of the side regions. The see-through pocket has an access lip that has a leading portion and a trailing portion. The leading portion has a greater altitudinal dimension relative to the pocket than the trailing portion.--

Please replace the paragraph beginning at page 3, line 27, with the following amended paragraph:

C5

--In another additional feature of that aspect of the invention, the pack further comprises a soft shell wall having a leading portion, a trailing portion, a pair of side portions, and a bottom portion. The soft shell wall has an opening in the upper region. The opening has a rim. The pack has a lid for closing the opening, and an upper girth reinforcement for reinforcing said rim. It also has a lower girth reinforcement for reinforcing the lower region. In a further additional feature, the lid has a carrying handle, is moveable to a closed position, and has a securable closure whereby, when closed, the pack can be carried by the handle. In a yet further additional feature of that aspect of the invention, the soft shell wall is an insulating wall and forms the boundary of the insulated compartment. The auxiliary compartment is mounted externally of the soft shell wall.--

Please replace the paragraph beginning at page 4, line 12, with the following amended paragraph:

C6  
-In another aspect of the invention, there is a pack for mounting to a golf bag.

It has an insulated compartment and an auxiliary compartment having a closure for concealing the contents thereof. It also has a first mount for carrying the vertical load of the pack located on an upper region of the pack for attaching the pack to the golf bag. There is a second mount located on a lower region of the pack for attaching to the golf bag at a different location than the first mount.--

✓  
Please replace the paragraph beginning at page 6, line 23, with the following amended paragraph:

C7  
-In another aspect of the invention there is a cooler. An insulated wall structure has a top, a bottom, and a flexible insulated sidewall extending therebetween to define an insulated compartment therewithin. The insulated sidewall has a height and a breadth. The height is greater than the breadth. The insulated sidewall has a first portion and an arcuate second portion attached thereto. The first and second portions define a D-shaped cylinder extending between the bottom and the top. A portion of the insulated wall structure is moveable to an open position to permit objects to be placed in the insulated compartment. A receptacle is mounted to the insulated sidewall. A vessel for containing liquid is removeably mounted within the receptacle.--

✓  
Please replace the paragraph beginning at page 7, line 24, with the following amended paragraph:

CB

—In another aspect of the invention there is a cooler. An insulated wall structure has a top, a bottom, and a flexible insulated sidewall extending therebetween to define an insulated compartment therewithin. The insulated sidewall has a height and a breadth. The height is greater than the breadth. The insulated sidewall has a first portion and an arcuate second portion attached thereto. The first and second portions define a D-shaped cylinder extending between the bottom and the top. A portion of the insulated wall structure is moveable to an open position to permit objects to be placed in the insulated compartment. A receptacle is mounted to the insulated sidewall. A vessel for containing liquid is removeably mounted within the receptacle.—

DMN 6/26/02

Please replace the paragraph beginning at page 9, line 15, with the following amended paragraph:

C9

—Further, liner 46 is not, in the example illustrated, fixed to the bottom of compartment 36, but can be pulled out of compartment 36 to an inverted position (while still remaining attached at rim 48) to facilitate washing with soap, and to facilitate drying, to discourage the grow of fungus and so on. Liner 46 has a single circumferential seam to join a bottom face, and a single wall seam running from the circumferential bottom seam to rim 48. In an optional alternative, liner 46 could be made from a polymer that has been impregnated with an antimicrobial compound prior to fabrication, a desirable feature for this kind of liner.—

Please replace the paragraph beginning at page 9, line 23, with the following amended paragraph:

C10

--The top of compartment 36 is formed by a generally D-shaped lid 32. Lid 32 also has a through section structure of a flexible reflective inner layer 52, a flexible skin in the nature of a canvas or webbing covering 54, and a flexible closed cell insulation layer 55, (similar to layer 44, above) captured in between. Lid 32 is joined to the main body of pack 20, along the roughly straight side of the 'D' shape, by a hinge in the nature of a flexible fabric hinge 56, and a peripheral tracked closure in the nature of a zipper 58 having a pair of opposed zipper cars.--

Please replace the paragraph beginning at page 9, line 30, with the following amended paragraph:

C11

--Rim 48 has a resiliently spongy beaded lip 60 wrapped within the upper edge of liner 46, adjacent to the set of zipper teeth 59 of zipper 58 that is mounted to the main body of pack 22. Lid 32 has a mating, generally D-shaped, peripheral lip 62 immediately next to the set of zipper teeth 61 of zipper 58 mounted to lid 32. When zipper 58 is closed, lip 62 is drawn down to bear on the outside surface of beaded lip 60, encouraging a sealing contact to be formed.--

Please replace the paragraph beginning at page 10, line 12, with the following amended paragraph:

C12

-- The second major component of insulated pack 20 is an auxiliary compartment in the nature of a valuables compartment 70, that is mounted to trailing portion 24, externally of soft shelled insulating wall 38. Compartment 70 has a pair

C12  
cont.

of left and right hand side portions 72 and 74 that are connected to, and extend vertically along, and rearwardly from the trailing portion of insulating wall 38; and a single piece trailing wall 76 extending between the distal extremities of side portions 72 and 74. In the preferred embodiment, wall 76 is, like the rest of cover 42, made of a 600 denier polyester fabric, treated, as are all external surfaces of pack 20, to be stain and water resistant. Other wall fabrics can be used, such as leather or leather-like vinyl.--

✓  
Please replace the paragraph beginning at page 10, line 21, with the following amended paragraph:

C13

-- Wall 76 has a lower or underside area 78 that meets, and is joined to, the trailing portion of insulating wall 38. Underside area 78 forms the bottom of compartment 70. Wall 76 also has a medial, outer area 80 that extends roughly 2/5 of the way up compartment 70. An upper area 82 of wall 76, in the nature of a flap, is contiguous with outer area 80 on one edge, and has closures on the remainder of its periphery. Two of those closures are left and right hand vertical zippers, 84 and 86, that join with the uppermost parts of the distal edges of side portions 72 and 74. The third is a hook and eye fabric closure 88 for releasably attaching end lip 90 of wall 76 to insulated wall 38 just below rim 48.--

✓  
Please replace the paragraph beginning at page 11, line 7, with the following amended paragraph:

C14

--An adjacent receptacle in the nature of a soft-sided, open top pocket 94,

C14  
Cont

without cover, has a convenient size (roughly 4-1/2" girth, 5-1/2" depth) for holding a deodorant container, or other object of similar size. It can, for example, be used as a storage space for a carrying strap. Adjacent to pocket 94 is a key holder in the nature of a lanyard 96 having one end fastened within compartment 70 just below rim 48. At its other, depending end, lanyard 96 has a quick-release spring clip 98 for hooking about the ring of a key chain. Use of a strap, such as lanyard 96, makes it easy to retrieve keys, rather than having to fish around the bottom of compartment 70. The remaining enclosed space within medial outer area 80 and above underside area 78 has a height of roughly 4 inches, and a width of roughly 7 inches between the piping along the outer edges of side portions 72 and 74, leaving space for a wallet, or other items.--

Please replace the paragraph beginning at page 12, line 6, with the following amended paragraph:

C15

-- It is anticipated that a significant use of main insulated compartment 36 will be for carrying cans of liquid, such as carbonated beverages, fruit drinks, or beer, whether or not accompanied by ice cubes or crushed ice. Inasmuch as the preferred embodiment illustrated has a capacity of 12 cans of 385 ml plus ice, a load of 10 to 12 Lbs. (50 to 55 N) would not be unexpected. The height of the preferred embodiment illustrated to the lip of rim 48 is roughly 12 inches. Liner 46 is not taut when lying against the inner walls of compartment 36. That is, liner 46 has some slack, and is somewhat elastic in any event. Consequently load is taken up primarily, if not entirely, in soft shelled insulating wall 38, and more specifically, principally in outer covering 42 of wall 38.--



✓  
Please replace the paragraph beginning at page 12, line 15, with the following amended paragraph:

C16  
--The main attachment at hook fitting 110 is able to carry the entire weight of pack 20, and the second attachment, at cinch strap 116, inhibits swaying of pack 20 about the first attachment. Outer covering 42 has an upper reinforcing band 120 extending externally about the periphery of insulating wall 38 next to rim 48. A lower reinforcing band 122 extends externally about the bottom edge of pack 20 where leading portion 22, trailing portion 24, and side portions 26 and 28 meet bottom portion 34, that is to say, about the lower region of pack 20.--

✓  
Please replace the paragraph beginning at page 12, line 27, with the following amended paragraph:

C17  
--The attachment of hook fitting 110 to pack 20 is reinforced by an upper lateral reinforcing band 130, in addition to upper reinforcing band 120, the effect being to spread the stress concentration out. Lateral reinforcing band 130 ends at the leading edges of side portions 26 and 28, close to the leading ends of doublers 124 and 126, yielding a reinforced load path between the lower region of pack 20 and hook fitting 110.--

✓  
Please replace the paragraph beginning at page 13, line 3, with the following amended paragraph:

C18

--For ease and comfort of carrying pack 20 by hand, lid 32 is provided with a carrying handle 140 having a padded bail 142, and a pair of webbing feet 144 and 146 that extend fully to opposite points on the periphery of lid 32, such that loads carried through handle 140 are transmitted not only through the outer covering layer of lid 32 but also through the reinforcement of feet 144 and 146. At the edge of lid 32, the presence of upper reinforcing band 120 helps to spread the load more evenly to, and from, the vertical sidewalls formed by portions 22, 24, 26, and 28. Alternatively, pack 20 can be carried by a shoulder strap 148 fastened by spring clips to D-shaped rings 150 and 152, mounted on either of sides 26 and 28.--

✓  
Please replace the paragraph beginning at page 13, line 18, with the following amended paragraph:

C19

--Referring to Figures 4 and 5, a second insulated pack, is shown generally as 170. In this embodiment, pack 170 is of a size for carrying 5 cans. It has a leading portion 172, a trailing portion 174, a pair of left and right hand side portions 176 and 178, a top portion 180 having a lid 182, and a bottom portion 184. The major part of pack 170 is an insulated compartment 186 bounded by a modestly flexible soft shell insulating wall 188, whose wall construction is the same as that shown in Figure 7 and discussed above. The breadth of pack 170, that is, the overall width when viewed from the leading or trailing directions, is about 6-1/2" empty. When undeformed pack 170 has a gently bulging D-shaped cross section when seen from above again, not dissimilar in general appearance to a golf bag. The breadth is roughly the same as the thickness of a small size of golf bag, and, is such that pack 170 can nest comfortably in compartment 36 of pack 20. This is shown in Figure 6.--

Please replace the paragraph beginning at page 13, line 30, with the following amended paragraph:

C20

-- The top of compartment 186 is formed by generally D-shaped lid 182. Lid 182 has the same layered construction as lid 32. Lid 182 is joined to the main body of pack 170, along the roughly straight side of the 'D' shape, by a hinge in the nature of a flexible fabric hinge 206, and a peripheral tracked closure in the nature of a zipper 208 having a pair of opposed zipper cars. The manner of closing lid 182 on compartment 186 of pack 170 is the same as for lid 36 of pack 20. Further, the same kind of substantially impermeable liner and thermal storage medium are used. The thermal storage medium is held in a sack similar to sack 64.--

Please replace the paragraph beginning at page 14, line 5, with the following amended paragraph:

C21

--The second major component of insulated pack 170 is an auxiliary compartment in the nature of a valuables compartment 220, that is mounted to trailing portion 174, externally of soft shelled insulating wall 188. Compartment 220 has a generally downwardly opening, U-shaped member 221 that has pair of left and right hand side portions 222 and 224 that are connected to, and extend vertically along, and rearwardly from, the trailing portion of insulating wall 188 and a top cross portion 223 extending between them. Compartment 220 also has a single piece trailing wall 226 extending between the distal extremities of side portions 222 and 224. Wall 226 is made of canvas. Wall 226 has a lower or underside area 228, that

C21  
cont

meets and is joined to the trailing portion of insulating wall 188. Underside area 228 forms the bottom and lower trailing face of compartment 220. Wall 226 also has an upper area 232, being a flap contiguous with underside area 228 on one edge. Upper area 232 has a three sided wrap-around closure, being a zipper 234 that joins the corresponding edge of U-shaped member 221. As described above in the context of pack 20, compartment 220 has internal receptacles lined with cushioning for receiving valuables, glasses, keys, and so on.--

Please replace the paragraph beginning at page 14, line 25, with the following amended paragraph:

C22

--A second attachment, suitable for tightening to another fastening location of a golf bag or golf cart, in the nature of an adjustable cinch strap 246 is mounted to a lower region of pack 170, also on leading portion 172, but in this case being rooted at the outside edges of leading portion 172 where they meet the leading edges of side portions 176 and 178. Strap 246 has a releasable catch 248, and can be used to tighten the lower region of pack 170 to a golf bag, golf cart, or other object, to restrain its swaying motion about the main attachment at hook fitting 240.--

Please replace the paragraph beginning at page 14, line 32, with the following amended paragraph:

C23

--Outer covering 192 has an upper reinforcing band 250 extending externally about the periphery of insulating wall 188 next to rim 198. A lower reinforcing band 252 extends externally about the bottom edge of pack 170 where leading portion

C23  
Cont.

172, trailing portion 174, and side portions 176 and 178 meet bottom portion 184, that is to say, about the lower region of pack 170.--

Please replace the paragraph beginning at page 15, line 8, with the following amended paragraph:

C24

-- The attachment of hook fitting 240 to pack 170 is reinforced by an upper lateral reinforcing band 260, in addition to upper reinforcing band 250, the effect being to spread the load out. Lateral reinforcing band 260 ends at the leading edges of side portions 176 and 178, close to the leading ends of doublers 254 and 256, yielding a reinforced load path between the lower region of pack 170 and hook fitting 240.--

Please replace the paragraph beginning at page 15, line 13, with the following amended paragraph:

C25

--Lid 182 is provided with a carrying handle 270 having a padded ball 272, and a pair of webbing feet 274 and 276 that extend fully to opposite points on the periphery of lid 182, such that loads carried through handle 270 are transmitted not only through the outer covering layer of lid 182 but also through the reinforcement of feet 274 and 276. At the edge of lid 182 the presence of upper reinforcing band 250 helps to spread the load more evenly to and from the vertical sidewalls formed by portions 172, 174, 176, and 178.--

Please replace the paragraph beginning at page 15, line 23, with the following amended paragraph:

C26  
--Referring to Figure 8, a third insulated pack, is indicated generally as 300. Insulated pack 300 is of generally similar construction to pack 20. It has a leading portion 302, a trailing portion 304, a pair of left and right hand side portions 306 and 308, a top 310 having a lid 312, and a bottom 314. The major part of pack 300 is an insulated compartment 316 bounded by a modestly flexible, soft shell insulating wall 318, whose wall construction is the same as shown in Figure 7 and discussed above. The breadth of pack 300, that is, the overall width when viewed from the leading or trailing directions, is about 8½" empty. When undeformed pack 300 has a gently bulging D-shaped cross section when seen from above again, not dissimilar in appearance to a golf bag.--

Please replace the paragraph beginning at page 16, line 1, with the following amended paragraph:

C27  
--The top of compartment 316 is formed by a generally D-shaped lid 312. Lid 312 has the same layered construction as lid 32. Lid 312 is joined to the main body of pack 300, along the roughly straight side of the 'D' shape, by a hinge in the nature of a flexible fabric hinge (not shown), and a peripheral tracked closure in the nature of a zipper 328 having a pair of opposed zipper cars. The manner of closing lid 312 on compartment 316 of pack 300 is the same as for lid 32 of pack 20. Further the same kind of substantially impermeable liner and thermal storage medium are used. The thermal storage medium is held in a sack similar to sack 64.--

Please replace the paragraph beginning at page 16, line 28, with the following amended paragraph:

C28  
--Insulated pack 300 also has an externally accessible receptacle 360 for seating a liquid containing vessel 362 such as bottle, can or carton. Receptacle 360 is mounted externally to soft shelled insulating wall 318 and stands arcuately outward on one of side portions 306 or 308 to define a cavity 361 into which a vessel 362 such as, for example, a drink bottle 364 can be placed. Receptacle 360 has a pair of spaced apart, vertical margins 366 for attaching receptacle 360 to insulating wall 318. Each margin 366 has a proximate end 367 and a distal end 368, relative to bottom 314 of pack 300. Stitching between the ends 367 and 368 secures margins 366 to insulating wall 318.--

Please replace the paragraph beginning at page 17, line 3, with the following amended paragraph:

C29  
--Upstanding wall member 370 extends between margins 366. It has an upper region 372, a lower region 374 and a medial wall 376 extending between regions 372 and 374. Lower region 374 has a base 380 upon which drink bottle 364 can rest when it is seated within receptacle 360. Base 380 has a generally arcuate edge 382 which extends about its periphery. Base 380 is connected to medial wall 376 along edge 382. As can be seen in Figure 8, base 380 is carried at a location higher than bottom 314 of insulated pack 300.--

Please replace the paragraph beginning at page 17, line 10, with the following amended paragraph:

C 30  
—Rim 384 is formed by top edge 386 of upper region 372. Rim 384 defines an opening 388 which gives access to a chamber 390 defined within receptacle 360. Drink bottle 364 is mounted within chamber 390 in an upright position. The height of receptacle 360 is less than the total height of drink bottle 364 such that drink bottle 364 protrudes from receptacle 360 through opening 388. This facilitates digital access to drink bottle 364. That is, a user can grasp and remove drink bottle 364 from out of receptacle 360 when desired. A liner 392 mounted within chamber 390 discourages leakage of liquid from drink bottle 364 through the walls of receptacle 360. Receptacle 360 is also provided with a thermally insulative layer 393 to discourage heat transfer from the articles held therein to the exterior surroundings.—

Please replace the paragraph beginning at page 17, line 20, with the following amended paragraph:

C 31  
—A covering or sheltering member in the nature of a skirt, or boot, or shroud 394 extends from within chamber 390 outwardly of opening 388 to provide at least partial shade the portion of drink bottle 364 which protrudes from opening 388. The periphery of the lowermost extremity, indicated as hem, or cuff, 396 is stitched to the interior of rim 384. The periphery of the uppermost edge, being a neck or waist, and indicated as collar 398 is folded over to accommodate a drawstring 400. Drawstring 400 can be used to draw collar 398 tightly about drink bottle 364. Shading drink



C31  
cont.

bottle 364 in this manner tends to keep the contents of drink bottle 364 relatively cool. --

Please replace the paragraph beginning at page 17, line 28, with the following amended paragraph:

C32

--Turning now to drink bottle 364, it has a major portion 410 in the form of a right cylinder 412, as shown in Figure 9. Drink bottle 364 has a longitudinal axis 416 that is coincident with the centerline of the round cylindrical section of major portion 410. At one end of drink bottle 364, there is a transition section 418 from the broad profile of major portion 410 to an externally threaded spout or neck 420 which terminates in an outlet 422. An internally threaded nozzle 424 mates with neck 420 and controls the flow of liquid out of drink bottle 364 through outlet 422 of neck 420. Nozzle 424 has a longitudinally translating cap 426 which can be moved to a closed position, in which cap 426 seals nozzle 424, and to an open position, in which a stream of liquid can escape through an end aperture 428. A transparent snap-fit dust cover can be provided.--

Please replace the paragraph beginning at page 18, line 5, with the following amended paragraph:

C33

--Drink bottle 364 is soft enough to be squeezed by a person of modest strength with one hand. Adequately forceful squeezing, with drink bottle 364 oriented to place liquid against nozzle 424, will cause a stream to exit drink bottle 364, such

C33  
cont

that a person can squirt for example, cool water into their mouth without touching the drink bottle other than with the squeezing hand.--

✓  
Please replace the paragraph beginning at page 19, line 1, with the following amended paragraph:

C34  
-- In an alternative embodiment illustrated in Figure 11, insulated pack 460 has drink bottle 464 seated within receptacle 462. Top portion 466 of drink bottle 464 protrudes out of receptacle 462 through opening 468. Top portion 466 is exposed, that is, it is not covered or shaded. Rim 470 extends about top edge 472 of receptacle 462 adjacent opening 468. Rim 470 has a resilient member in the nature of an elastomeric band 474 that engages the circumference of drink bottle 464 and tends to encourage retention of drink bottle 464 within receptacle 462. Upstanding wall member 476 extends between vertical margins 478 to form the structure of receptacle 462, not unlike upstanding wall member 370 of receptacle 360. However, upstanding wall member 476 has a see-through web mesh 482 located at medial section 484. In this embodiment, receptacle 462 is not provided with a thermally insulative layer.--

✓  
Please replace the paragraph beginning at page 19, line 12, with the following amended paragraph:

C35  
-- Referring now to Figures 12 and 13, an additional alternative embodiment of an insulated pack is indicated generally as 500. Insulated pack 500 has a receptacle 502 for seating a misting apparatus in the nature of a mister 504.